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USSN. 09/742,560
Examiner: YIP, WINNIE S
Group A.U.: 3637
December 30, 2004

Amendment to the Claims

Claims 20- 37 (cancelled)

38. (Currently amended) A reinforcement for prefabricated concrete panels, comprising profiles adapted to be connected together to form a frame and adapted to be embedded in a concrete body of a panel, said profiles having coplanar and non-coplanar portions, at least some of said profiles having perforations and undulations which are suitable to increase the bonding between the reinforcement and the concrete body of the panel, wherein said profiles have each a substantially Σ -shaped transverse cross-section, with two substantially parallel end wings joined by an intermediate wing which has at least two portions inclined with opposite inclinations, wherein said profiles are made of metal and said undulations are formed by plastic deformations of said profiles, said undulations being defined at the end of said end wings so as to face one another.

- 39.(Original)
- 40.(Original)
- 41. (Original)
- 42. (Original)
- 43. (Original)
- 44. (Original)
- 45. (Original)
- 46. (Original)
- 47. (Original)
- 48. (Original)
- 49. (Original)
- 50. (Original)
- 51.(Cancelled)
- 52. (Original)

53.(Currently amended) A reinforcement for prefabricated concrete panels, comprising profiles to be embedded in a concrete body of a panel and adapted to be connected to compose a frame, said profiles having coplanar and non-coplanar portions, at least some of said profiles having perforations and undulations which are suitable to increase the bonding between the reinforcement and the concrete body of the panel,

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wherein said undulations are comprised on non-coplanar portions of said profiles and are arranged at the end of portions of said profile that face one another, wherein said profiles are made of metal and said undulations are formed by plastic deformations of said profiles.

54. (Original)

55. (Original)

56. (Currently amended) The reinforcement according to claim 53, wherein said profiles have each a substantially Σ -shaped transverse cross-section, with two substantially parallel end wings joined by an intermediate wing which has at least two portions inclined with opposite inclinations.

57. (Original)

58. (Original)

59. (Original)

60. (Original)

61. (Original)

62. (Original)

63. (Original)

64. (Original)

65. (Cancelled)

66. (Original)